

Mathematics 2005, Grade 8

Mathematics Composite

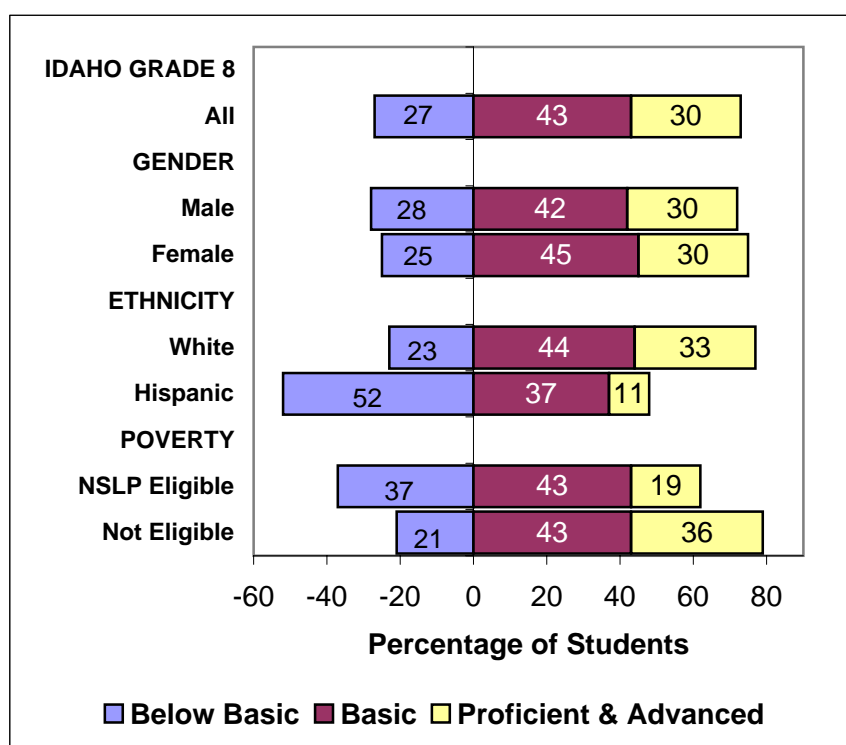


Idaho NAEP Snapshot

Volume 2005, Number 16

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 262 is a *Basic* grade-level performance, 299 is *Proficient*, and 333 is *Advanced*.

Mathematics Performance Levels by Demographic Group



- ◆ On the NAEP 2005 mathematics assessment, the percentage of eighth grade female students who scored at or above *Basic* (75 percent) was not significantly different from their male peers (72 percent).
- ◆ On the NAEP 2005 mathematics assessment, the percentage of eighth grade White students who scored at or above *Basic* (77 percent) was higher than their Hispanic peers (48 percent). Sample size was not sufficient to permit a reliable estimate of math performance for Black, Asian, and American Indian students.
- ◆ On the NAEP 2005 mathematics assessment, the percentage of Idaho eighth grade students who qualified for free or reduced price meals in the National School Lunch Program scoring at or above *Basic* (63 percent) was lower than their peers who were not eligible for the program (79 percent).

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.